

Title (en)
Bucket vibration damper system

Title (de)
Dämpfungssystem für Turbinenschaufeln

Title (fr)
Système d'amortissement pour aubes de turbine

Publication
EP 1867837 A2 20071219 (EN)

Application
EP 07110118 A 20070612

Priority
US 42378906 A 20060613

Abstract (en)
A damping system (100) for a turbine bucket (105). The damping system (100) includes a damper pocket (200) with a variable tangential depth and a damper pin (230) positioned within the damper pocket (200).

IPC 8 full level
F01D 5/22 (2006.01)

CPC (source: EP KR US)
F01D 5/10 (2013.01 - KR); **F01D 5/14** (2013.01 - KR); **F01D 5/22** (2013.01 - EP US); **F01D 25/06** (2013.01 - KR);
F05D 2240/80 (2013.01 - EP US); **F05D 2250/70** (2013.01 - EP US); **Y10S 416/50** (2013.01 - EP US)

Cited by
EP2781697A1; EP2957723A1; US10851661B2; US9797270B2; US10001017B2; WO2014146827A1

Designated contracting state (EPC)
CH DE GB LI

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1867837 A2 20071219; **EP 1867837 A3 20120725**; **EP 1867837 B1 20180808**; JP 2007332963 A 20071227; JP 5230968 B2 20130710;
KR 101359788 B1 20140207; KR 20070118966 A 20071218; US 2007286734 A1 20071213; US 7731482 B2 20100608

DOCDB simple family (application)
EP 07110118 A 20070612; JP 2007152264 A 20070608; KR 20070057149 A 20070612; US 42378906 A 20060613